

A plan review is required for any project exceeding \$50,000. The City reserves the right to require a plan review when, in their opinion, the type of occupancy involved or unusual nature of the project merits plans to be submitted even though the project might be less than \$50,000.

The plans and/or specifications must be signed by a P.E. licensed with the State of Minnesota.

Per the Bloomington ordinance, the plan check fee shall be 10 percent of the permit fee when the job cost exceeds \$50,000.

## Plan requirements

Two(2) copies of signed plans/specifications shall be submitted with the permit application.

The front page of the plans shall include:

1. Project/name of the facility.
2. Project address assigned by the City of Bloomington.
3. Address of the person or firm submitting the plans.
4. Registered project/property owner's name and address.
5. Phone and fax numbers for project's contact person. The contact must be the designer or individual who can answer any technical questions posed by the City's Plan Reviewer.
6. Detailed description of the complete scope of work.

## HVAC floor plans

### Show the following:

1. Location and sizes of all ductwork, equipment, registers and grills for return air.
2. Location of gas piping and sizes. Provide all shutoff locations and any other appurtenances being used.
3. Provide verbal directory relating to any symbols being used on plans.
4. Location and type of any dampers required.
5. Location and size of any ventilation systems, i.e. bath vents, kitchen hoods, etc.

6. Smoke removal system, if required.

## Specifications

Specifications should include the following:

1. Make and models of all equipment.
2. Inputs of gas, LP or natural.
3. Electrical inputs.
4. Cfm, static pressure of air being introduced as outside air or air being recirculated.
5. Provide information for any chilled or heated water coils.
6. Energy Code calculations (heat/cooling).
7. Power roof ventilator information.
8. Grills, registers and diffuser schedules.
9. Air intake information.
10. Pump information.
11. All information relating to smoke removal system when required.